Amendments To The Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

Claim 1. (Currently Amended) A component of a line system of a fuel cell, comprising:

a) an innermost layer I, which is in contact with the conveyed fluid and is comprised of a polyester molding composition that is based on a polyester which is selected from the group consisting of polyethylene terephthalate, polypropylene terephthalate, polybutylene terephthalate, polyethylene 2,6-naphthalate, polypropylene 2,6-naphthalate, polybutylene 2,6-naphthalate, poly(1,4-dimethylenecyclohexane terephthalate) and poly(1,4-dimethylenecyclohexane 2,6-naphthalate), and,

b) at least one other layer present which is selected from the group consisting of:

i) a layer II comprised of a polyamide molding composition,

ii) a layer III comprised of a molding composition comprised of a functionalized polyolefin,

iii) a layer IV comprised of a polyolefin molding composition in which the polyolefin is not functionalized, and

iv) a layer V comprised of an EVOH molding composition, wherein the polyester molding composition is such that when a fluid comprising water is passed over said innermost I layer, the conductivity of the fluid after said passage at 90° C increases only by a maximum of 100 µS/cm or wherein the polyester molding composition is such that when a

fluid comprising water and methanol is passed over said innermost I layer, the conductivity of the fluid after said passage at 90° C increases only by a maximum of 80 µS/cm.

Claim 2. (Original) The component of a line system of a fuel cell as claimed in claim 1, wherein the component is a multilayer pipe, a feed vessel, a link, an adaptor, a filter, a component of a pump, or a component of a valve.

Claims 3 and 4. (Canceled)

Claim 5. (Currently Amended) The component of a line system of a fuel cell as claimed in claim [4] 1, wherein, when a fluid comprising water is passed over said innermost I layer, the conductivity of the fluid after said passage at 90° C ~~rises~~ increases only by a maximum of 50 µS/cm.

Claim 6. (Canceled)

Claim 7. (Currently Amended) The component of a line system of a fuel cell as claimed in claim [[6]] 1, wherein, when a fluid comprising water and methanol is passed over said innermost I layer, the conductivity of the fluid after said passage at 90° C ~~rises~~ increases only by a maximum of 40 µS/cm.

Claim 8. (Original) The component of a line system of a fuel cell as claimed in claim 1, wherein the polyester molding composition comprises up to about 40 % by weight of at least one other thermoplastic.

Claim 9. (Original) The component of a line system of a fuel cell as claimed in claim 1, wherein the polyester molding composition comprises one or more additives selected from the group consisting of processing aids, nucleating agents, intercalated or exfoliated

phyllosilicates, crystallization accelerators, light stabilizers, heat stabilizers, metal scavengers or complexing agents, conductivity-increasing additives, nanotubes, reinforcing additives and pigments.

Claim 10. (Original) The component of a line system of a fuel cell as claimed in claim 1, wherein the polyamide of layer II is selected from the group consisting of PA46, PA66, PA68, PA610, PA612, PA88, PA810, PA1010, PA1012, PA1212, PA6, PA7, PA8, PA9, PA10, PA11, PA12, copolyamides thereof, branched polyamine-polyamide copolymers, and mixtures thereof.

Claim 11. (Original) The component of a line system of a fuel cell as claimed in claim 1, wherein the polyamide composition of layer II contains an impact modifier of EPM or EPDM rubber having maleic anhydride units grafted thereon.

Claim 12. (Original) The component of a line system of a fuel cell as claimed in claim 1, wherein the polyamide composition of layer II contains an auxiliary or additive selected from the group consisting of plasticizers, pigments, fillers, processing aids, flame retardants glass fibers, antioxidants, UV stabilizers, and additives which impart anti-electrostatic properties or electrical conductivity to the product.

Claim 13. (Original) The component of a line system of a fuel cell as claimed in claim 12, wherein the polyamide composition of layer II contains from 1 to 25 % by wt of a plasticizer.

Claim 14. (Original) The component of a line system of a fuel cell as claimed in claim 13, wherein the plasticizer is ethyl p-hydroxybenzoate, octyl p-hydroxybenzoate,

isohexadecyl p-hydroxybenzoate, N-n-octyltoluenesulfonamide, N-n-butyl-benzenesulfonamide, or N-2-ethylhexylbenzenesulfonamide.

Claim 15. (Original) The component of a line system of a fuel cell as claimed in claim 1, wherein the polyolefin of layer III or IV is a high-, medium-, or low-density linear polyethylene, LDPE, isotactic or atactic homopolypropylene, random copolymers of propene with ethene and/or 1-butene, ethylene-propylene block copolymer.

Claim 16. (Original) The component of a line system of a fuel cell as claimed in claim 1, wherein the EVOH copolymer of layer V has an ethylene monomer content of 25 to 60 mole %.

Claim 17. (Original) The component of a line system of a fuel cell as claimed in claim 1, wherein the EVOH copolymer of layer V is such that at least 60 % of the acetate groups of the copolymer are hydrolyzed.

Claim 18. (Canceled)

Claim 19. (Original) A fuel cell system which comprises a component as claimed in claim 1.

Claim 20. (Original) A fuel cell system for the propulsion of a motor vehicle, which comprises an element as claimed in claim 1.